

ABSTRACT OF THE DISCLOSURE

A fundus camera capable of guiding accurately a sight line using an internal fixation target light source while an apparatus constitution is simplified. The fundus camera is provided with an illumination optical system for illuminating the fundus with visible illumination light for photographing and with invisible illumination light for observation, a photographing optical system for picking up an image of the fundus with visible reflection light from the fundus including a first image-pickup element, an observation optical system for picking up the image of the fundus with invisible reflection light from the fundus including a wavelength-selecting mirror and a second image-pickup element, a fixation target projection optical system for fixating an eye including a light-dividing member and a fixation target light source, and a wavelength-selecting filter. In the fundus camera, the visible fixation target light is guided to the eye and photo-received on the second image-pickup element.